The Glass Industry

THE MONTHLY JOURNAL OF

Glass Technology, Engineering, Raw Materials,
Glass Factory Management and Equipment

NEW YORK
GLASS INDUSTRY PUBLISHING COMPANY, INC.

Index to Volume 1

November to December, Inclusive, 1920

(*Articles marked with asterisk are illustrated)

Pages 1920
1 to 28 ..... November
29 to 56 ..... December

ARTICLES

Air Compressors, Lubrification of..... *41
Annealing *7

Bottle Glass, Use of Light Soda Ash in Production of Flint..... 34

Clays, Filtering and Purifying Glass Pot 15
Chemist in Tank Glass Manufacture, Hints to the 10
Coal, Loss of Heating Value in Stored.. 44
Coal, Safe Storage of..... 44
Crust or Scum on Continuous Bottle Tank Furnaces, Occurrence of..... 29

Devitrification of Glass..... 40

Furnaces, Occurrence of **Crust or Scum on Continuous, Bottle Tank**..... 29

Glass, Devitrification of..... 40
Glass Factory Mold Castings Are Made, How *12
Glass Industry, Importance of Technical **Control of the**..... 1
Glass Industry, Polish 52
Glass Industry, Situation of the German.. 49
Glass Manufacture, Hints to the Chemist in Tank 10
Glass Pot Clays, Filtering and Purifying.. 15
Glass Pot Manufacture, Some Principles in 3
Glass. Use of Light Soda Ash in the Production of Flint Bottle..... 34

Lubrication of Air Compressors..... *41

Manufacture, Hints to the Chemist in Tank **Glass** 10
Manufacture, Some Principles in Glass Pot 3
Mirrors, Cleaning 15
Mold Castings are Made, How Glass Factory *12

Pot Making, Art of..... *36
Pot Manufacture, Some Principles in Glass 3
Production Report, The..... *31

Scum on Continuous Bottle Tank Furnaces, Occurrence of Crust or..... 29
Selenium 39
Society of Glass Technology, Entertaining the *26
Soda Ash in the Production of Flint Bottle Glass, Use of Light..... 34
Soda Ash, Notes on..... 14

Tank Furnaces, Occurrence of Crust or Scum on Continuous Bottle..... 29
Tank Glass Manufacture, Hints to the Chemist in 10
Technical Control in the Glass Industry, Importance of 1

AUTHORS

Adams, Irving E. Hints to the Chemist in **Tank Glass Manufacture**..... 10

Brown, Wilbur F. Occurrence of Crust or Scum on Continuous Bottle Tank Furnaces 29

Cole, C. A. Use of Light Soda Ash in the Production of Flint Bottle Glass..... 34
Conrad, H. V. Lubrication of Air Compressors *41

Kerr, C. H. Some Principles in Glass Pot **Manufacture** 3
Krauss, E. L. The Production Report..... *31

Sharp Chester L. Annealing..... *7
Sharp, Chester L. Selenium 39
Silverman, Alexander, **Importance of Technical Control in the Glass Industry**.. 1

EDITORIALS

Glass Industry, The..... 16
Reducing the Hazards of the Glass Business 46

CORRESPONDENCE

Priority Orders and Disorders..... 19

PATENTS

Apparatus for Drawing Glass Sheets. 1,349,201. **Halbert K. Hitchcock**.. *22
Apparatus for Gathering Molten Glass 1,353,953. **Joseph B. Graham**..... *22

Brush for Cleaning Glass-Making Pots. 1,349,262. **Clarence M. Brown**..... *22

Conveying Ware to Lehrs, Means for. 1,356,167. **Raymond W. Niver**..... *49
Cutter or Gripper for Use in Drawing Sheet Glass. 1,355,449. **Hudson S. Campbell** *48

Device for Serving Glass. 1,359,172. **Harry F. Hitner** *50
Drop Feeding Device for Glass Machines. 1,353,276. **Alexander L. Schram**.. *48

Furnace for Melting Glass and Other Purposes. 1,359,756. John Schofield Shaw..... *50

Glass-Cutter. 1,359,751. John R. Scoby.. *50
Glass-Cutting Frame. 1,357,474. Frank C. Remsberg *49
Glass-Drawing Apparatus. 1,351,833. George L. Catlin and David Morrison *22
Glass-Drawing Bait and Method of Using It. 1,349,200. Halbert K. Hitchcock *21
Glass-Drawing Machine. 1,354,391. Felix L. Goffaux *50
Glass-Feeding Machine and Process. 1,349,551. Karl E. Peiler..... *21
Glass-Forming Machine. 1,348,365. Richard La France..... *21
Glass-Working Machine. 1,353,115. Alfred R. Hunter..... *48
Lenses and the Like for Grinding and Polishing, Method for Preparing. 1,358,676. William Taylor and Francis W. Preston..... *50

Machine for Finishing Blown-Glass Articles. 1,352,396. James Bailey... *48

Sheet-Glass, Method and Apparatus for Making. 1,358,390. Thomas S Owens *49

Takedown for Machine-Drawn Cylinders. 1,359,236. Henry J. Douchamp.... *50

GLASS FACTORY EQUIPMENT AND SUPPLIES

Burner, New Hess Preheating..... *51
Emery for Grinding Glass, Virginia..... 24
Sand Dryer, Christie..... *25
Valve, New Gas and Air Reversing..... *23
Water, Distilled, for Mixing Silver..... *24
Weigand Chain Screen..... *24

GLASS FACTORY EQUIPMENT AND SUPPLIES—MANUFACTURERS AND DEALERS

Christie Company, L. R., Pittsburgh, Pa. Christie Sand Dryer..... *25
Codd Company, E. J. Baltimore, Md. (Weigand Chain Screen)..... *24

Griscom-Russell Company, New York. Distilled Water for Mixing Silver.... *24

Hess, John G., Clarksburg, W. Va. New Hess Preheating Burner..... *51

McCamic-Batchell-Bergman Co. Toledo, Ohio. New Gas and Air Reversing Valve *23

Ningara Emery Mills, Inc., New York. Virginia Emery for Grinding Glass.. 24

NEWS OF THE TRADE.....27, 53
CURRENT PRICES OF GLASS MAKING MATERIALS 28, 56
STOCK QUOTATIONS 28, 56